MB451/MB451w - Mono Multifunction Products

Printer

Print speed	**A4:** 29ppm mono
Time to first print	5 seconds or less
Warm up time	Up to 60 seconds from power on and up to 25 seconds from power save
Processor speed	330MHz

Scanner

Optical Resolution	600dpi
Speed	Up to 10ppm colour, up to 37.5ppm mono
Colour depth	Colour depth
Document input	50-sheet Reverse Automatic Document Feeder (RADF), flatbed scanner
Contrast	7 Levels
Format	M-TIFF, JPEG, XPS, PDF, Secure PDF + (BMP, PCX, GIF, TGA, PNG, WMF, EMF from Actkey Utility)
Addressbook	LDAP, 100 email addresses, 20 group addresses
Scan to	FTP, HTTP, USB memory, Email, TWAIN, CIFS and Scan to Application and Fax from Actkey Utility

Copy

First copy out	Less than 11 seconds
Resolution	Up to 600 x 600dpi
Reduction / Enlargement	Zoom 25-400%
Maximum copies	99

Fax

Connectivity	RJ11 x 2 (Line/Tel), PSTN, PBX Line
Speed	ITU-T G3(Super G3) up to 33.6kbps, upto 2 seconds/page
Fast dialling	16 one touch dials (8 x 2 using shift key), 100 speed dials
Groups	Up to 20
Broadcast	Maximum 100
Page memory	4MB (approx. 200 pages transmit and receive)

Operator Panel

LCD Panel	**Single simplified white backlit graphics panel:** 84.1mm (W) x 33.6mm (H); **Resolution:** 320x128 dots
Keypad	12 alpha/numeric keys, 4 main function buttons (Copy, Scan, Print, Fax), Color & Mono Start, Status, Setting, Help, 6 main navigation buttons (Back, Up, Down, Left, Right, OK), Clear, Stop, Power Save, Reset/Log Out, 8 keys and a Shift Key to provide 16 One Touch dial keys (Fax)

Paper Handling

Paper capacity	**Tray 1:** 250 sheets of 80gsm; **Multi-purpose tray:** 100 sheets of 80gsm; **RADF:** 50 sheets of 80gsm
Maximum paper capacity	350 sheets of 80gsm
Paper sizes	**Tray 1:** A4, A5, B5, A6; **Multi-purpose tray:** A4, A5, B5, A6, Envelopes (C5, C6, DL, Com-9, Com-10, Monarch), Custom Size (up to 1321mm length including banners); **Duplex:** A4, B5; **RADF:** A4, B5, A5, A6 (Simplex only)
Paper weight	**Tray 1:** 60 to 120gsm; **Multi-purpose tray:** 60 to 160gsm; **Duplex:** 60 to 120gsm; **RADF:** 60 to 105gsm
Duplex	Standard
Paper output	**Face Down:** 150 sheets of 80gsm

Print Quality

Resolution	600x600dpi

Interface and Software

Connectivity	10/100 TX Ethernet, USB 2.0 Device IF, USB 2.0 Host IF
Printer languages	PCL6 (XL3.0), PCL5e, PostScript 3 (emulation), SIDM (IBM-PPR, EPSON-FX)
Network & protocols	**MB451, MB451w:** All major network protocols supported via ethernet card with internal web server for printer and network card set-up and management. TCP/IPv4&v6, SMTP, POP3, HTTP, SNMPv1&v3, DHCP, DNS, LPR, Port9100, BOOTP, ARP, FTP, CIFS, LDAP, SLP, Bonjour. NetWare, EtherTalk, NetBEUI, LLTD, Web Service on Devices. **MB451w:** Wireless LAN Protocol (IEEE802.11b, IEEE802.11g, IEEE802.11n, Infrastructure Mode, WEP, WPA(TKIP), WPA2(AES), WPS-PBC, WPS-PIN, Open system authentication, Shared key authentication, IEEE802.1x authentication)
OS Compatibility[1]	Windows XP (32-bit & 64-bit) / Server 2003 (32-bit & 64-bit) / Server 2008 (32-bit & 64-bit) / Server 2008 R2 (64-bit) / Vista (32-bit & 64-bit) / 7 (32-bit & 64-bit); Mac OS X 10.4.0 - 10.7.2
Advanced networking & security	IP Filtering, MAC Filtering, SSL/TLS, EAP(IEEE802.1X), IPSec
Utility suite[1]	Template Manager[2], OKI LPR[2], PrintSuperVision.net[2], PrintSuperVision Java[2], Print Job Accounting[2], Print Job Accounting Client, Web Driver Installer[2], Network Card Setup, Configuration Tool[2], Actkey[2], PDF Direct Print, PS Gamma Adjuster
Document management	Nuance PaperPort SEv11[2], Nuance OmniPage SEv16[2]

Typefaces

Printer fonts	Scalable: 87 PCL Fonts and 136 PostScript fonts, PCL Bitmap fonts, OCR-A/B, USPS ZIP Barcode
Barcode	12 types of one dimension with 28 variations: UPC-A, UPC-E, EAN/JAN-8, EAN/JAN-13, Interleaved2of5, Code39, Code 128, EAN/UCC-128, CODABAR, ZIP+4POSTNET, Customer barcode, 1 type of two dimension: PDF417

General Features

Memory	**Standard RAM:** 256MB; **Maximum RAM:** 256MB
Environment	**Operating temperature/ humidity:** 10°C to 32°C (17°C to 27°C recommended)/ 20% to 80% RH (50% to 70% RH recommended)
	Storage temperature/ humidity: -10°C to 43°C/ 10% to 90% RH
Power supply	Single phase 220 to 240VAC, frequency 50-60Hz +/- 2%
Power consumption	**Typical:** 580W; **Max:** 950W; **Idle:** 80W; **Power Save:** <14W (MB451) <18W (MB451w); **Deep Sleep:** <3.0W
Noise level	**Operating:** 55dB(A) or less; **Standby:** 30dB(A); **Power save:** Inaudible
Dimensions (HxWxD)	455 x 427 x 425mm
Weight[3]	20kg
Duty cycle	**Maximum:** 30,000 pages/month; **Recommended:** Up to 2,000 pages/month
Warranty	3 years extended warranty upon registration within 30 days of purchase
Product order numbers	**MB451:** 01327202; **MB451w:** 44871234

Consumables (Order Numbers)

Toner cartridge* (1,500 pages)	44992401
Toner cartridges* (2,500 pages)	44992402
Image drum (25,000 pages)**	44574307

* Toner: A4 pages yield compliant with ISO/ISC 19798. Printer shipped with toner for 1,000 A4 pages.
**Drum: Average life of 3 pages per job from tray 1 in simplex mode.

[1]Check local OKI website for latest driver releases and OS compatibility; [2]Windows only; [3]Including all consumables.

Consumables Information: For the protection of your printer, and in order to ensure that you benefit from its full functionality, this model has been designed to operate only with genuine OKI toner cartridges. These can be identified by the OKI trademark. Any other toner cartridge may not operate at all, even if it is described as "compatible", and if it does work, your printer's performance and print quality may be degraded.

3 Year Warranty

Our devices are manufactured to the highest standards of quality and technology, which has been confirmed by independent tests. We are so convinced of the high quality of our products that we are offering you an extension of the standard warranty period to 3 years at no extra cost to you. Simply register your product within 30 days of purchase to be eligible for our unique all inclusive offer.
For further information please visit: **WWW.OKI.BE/GARANTIE** or **WWW.OKI.BE/VOTRE GARANTIE**
Without registration, the standard pan-European 1 year warranty applies.

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MB451/MB451w Specifications

The 4-in-1 device for the micro business or home office

The MB451 is the perfect device for the micro business or home office with low usage and print volume requirements and where space is at a premium. With a low initial capital outlay, print speeds of up to 29ppm, a user friendly graphical LCD display and one touch buttons you can now access print, copy, scan and fax functionality in one compact device even if budgets are tight.

And, for added versatility the MB451w model offers wireless connection that allows you to place your MFP wherever is most convenient.

Combine this with 3 year warranty, duplex printing as standard and flexible media handling and you have a device that brings added functionality and superior printing to your workplace.

Outstanding features to support your business needs

- Automatic Duplex printing, copying, scanning and faxing as standard, with printing speeds of 29ppm
- 50-sheet Reverse Automatic Document Feeder for quick and easy copying, scanning and faxing double-sided documents
- 5 seconds to first print
- Intuitive menus and controls with one touch function buttons and 3.5" LCD display for simple user interface
- Print directly from or scan directly to a USB stick
- Option of 1.5k or 2.5k capacity toner cartridges to reduce cost and user intervention

A4	✔
Mono	✔
Duplex print, copy, scan, fax	✔
Prints A6 to 1321mm, up to 160gsm	✔
1 – 5 users	✔

- Multipurpose tray for printing on a variety of media sizes and weights

Functionality to improve your productivity and workflow

- Sharp, clear mono printing, copying, scanning and faxing using LED digital technology
- Overlay function enables you to save logos or forms in the MFP's memory, for re-use in other documents
- Super G3 speed fax for high speed delivery and receipt
- Send faxes over the internet
- Fast scan speed of up to 10ppm colour and 37.5ppm mono
- LDAP direct access to contact and email data from an existing server directory
- USB and network TWAIN scanning (PC and Mac)

Improving efficiency and reducing environmental impact

- Consolidation of multiple devices into one reduces energy usage and cost
- Reduced power consumption through Eco Mode and Deep Sleep Mode functions
- Reduced toner usage with Toner Save function
- Advanced fax functionality reduces need for printing faxes

Printing on the move with mobile printing

- Compatible with mobile printing applications allowing you to print directly from mobile devices over a wireless network
- Print directly using applications such as ePrint and Cortado Workplace from tablets or smartphones

Useful utilities that help you control and manage your printing

- PrintSuperVision for monitoring, reporting and managing networked printers or MFP's in real-time
- Print Job Accounting provides visibility of your print usage allowing you to control print costs across your business

Variants available:
MB451
duplex, networked
MB451w
duplex, networked, wireless